

EMF TEST REPORT

For

2.0 Computer Multimedia Speaker

**Model Number: T-60X Pro, T-60X, T-65X, T-65X Pro, T-68X, T-68X Pro,
T-69X, T-69X Pro**

Report Number : WT228000038

Test Laboratory : Shenzhen Academy of Metrology and Quality
Inspection
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Test report declaration

Applicant : SHENZHEN FENDA TECHNOLOGY CO.,LTD
Address : Fenda Hi-Tech Park, Zhoushi Road, Shiyan Street, Baoan District, Shenzhen, China
Manufacturer : SHENZHEN FENDA TECHNOLOGY CO.,LTD
Address : Fenda Hi-Tech Park, Zhoushi Road, Shiyan Street, Baoan District, Shenzhen, China
EUT Description : 2.0 Computer Multimedia Speaker
Model No : T-60X Pro, T-60X, T-65X, T-65X Pro, T-68X, T-68X Pro, T-69X, T-69X Pro
Trade mark : F&D

Test Standards:

EN 50663:2017

The EUT described above is tested by Shenzhen Academy of Metrology and Quality Inspection EMC Laboratory to determine the maximum emissions from the EUT and ensure the EUT to be compliance with the immunity requirements of the EUT. Shenzhen Academy of Metrology and Quality Inspection EMC Laboratory is assumed full responsibility for the accuracy of the test results.

The test report is valid for above tested sample only and shall not be reproduced in part without written approval of the laboratory.

Project Engineer:

(Zeng Wei 曾伟)

Date: Mar.08, 2022

Checked by:

(Shi Changda 施昌达)

Date: Mar.08, 2022

Approved by:

(Lin Yixiang 林奕翔)

Date: Mar.08, 2022

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1. GENERAL INFORMATION

1.1. Report information

This report is not a certificate of quality; it only applies to the sample of the specific product/equipment given at the time of its testing. The results are not used to indicate or imply that they are application to the similar items. In addition, such results must not be used to indicate or imply that SMQ approves recommends or endorses the manufacture, supplier or use of such product/equipment, or that SMQ in any way guarantees the later performance of the product/equipment.

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The lab will not be liable for any loss or damage resulting from false, inaccurate, inappropriate or incomplete product information provided by the applicant/manufacturer.

1.2. Laboratory Accreditation and Relationship to Customer

The testing report were performed by the Shenzhen Academy of Metrology and quality Inspection EMC Laboratory (Guangdong EMC compliance testing center), in their facilities located at NETC Building, No.4 Tongfa Rd., Xili, Nanshan, Shenzhen, China. At the time of testing, Laboratory is accredited by the following organizations: China National Accreditation Service for Conformity Assessment (CNAS) accredits the Laboratory for conformance to FCC standards, EMC international standards and EN standards. The Registration Number is CNAS L0579.

The Laboratory is Accredited Testing Laboratory of FCC with Designation number CN1165 and Site registration number 582918.

The Laboratory is registered to perform emission tests with Innovation, Science and Economic Development (ISED), and the registration number is 11177A.

The Laboratory is registered to perform emission tests with VCCI, and the registration number are C-20048, G20076, R-20077, R-20078, and T-20047.

The Laboratory is Accredited Testing Laboratory of American Association for Laboratory Accreditation (A2LA) and certificate number is 3292.01.

2. PRODUCT DESCRIPTION

2.1. EUT Description

Description : 2.0 Computer Multimedia Speaker
Manufacturer : SHENZHEN FENDA TECHNOLOGY CO.,LTD
Model Number : T-60X Pro, T-60X, T-65X, T-65X Pro, T-68X, T-68X Pro,
T-69X, T-69X Pro
Frequency Bands : Bluetooth: 2.402GHz~2.480GHz
Antenna Designation : Internal antenna

Remark: T-60X Pro, T-60X, T-65X, T-65X Pro, T-68X, T-68X Pro, T-69X, T-69X Pro.
Just different sales regions lead to different model number, all of the model's circuit theory, electrical design and the Critical Components are identical.

2.2. Modifications

No modification was made.

3. RF EXPOSURE MEASUREMENT

3.1. Test Requirements

3.1.1. Test Standard

EN 50663:2017

3.1.2. Test Limit

According to EN 50663:2017, Equipment complying with the requirements for the general public is deemed to comply with the requirements for workers without further testing.

The conformity assessment to demonstrate equipment compliance shall be made according to EN 62479:2010, 4.1 and Clause 6.

If routes B, C or D of 4.1 of EN 62479:2010 are followed then the values of P max, as described in 4.2 of EN 62479:2010 and given in Annex A of EN 62479:2010, shall be replaced by those in Table 4 below.

Table 1 Values of Pmax

| Exposure tier | Region of body | Pmax (mW) |
|----------------|----------------|-----------|
| General public | Head and trunk | 20 |
| | Limbs | 40 |
| Workers | Head and trunk | 100 |
| | Limbs | 200 |

NOTE: Equipment which meets the limits for general public exposure as given in this document (EN 50663:2017 Clause 5) will automatically meet the limits for workers.

Equipment which meets the limits for workers will not necessarily meet the limits for the general public and, unless intended only for workers' use when at work, equipment shall also be tested against general public limits.

3.2. Assessment Results

Workers exposure

Equipment intended only for use by workers when at work, and this condition is clearly identified in the user instructions.

General public exposure

Other conditions than workers.

BT 2402MHz -2480 MHz

The measured available total radiated power of EUT is only 2.19mW(3.40dBm). According to EN 50663:2017 clause 6, the EUT is deemed to comply with the Pmax 20mW. The EUT average total radiated power is less than 20mW, therefore the EUT is deemed to fulfill the requirement without additional test.

It is considered that the EUT complies with EN 50663 requirements.

REMARK: The maximum conducted output power data refer to report No. WT228000038.

END OF REPORT